EDAA Outstanding Dissertations Award 2007

Grenoble, 20 December 2007. In recognition of the importance of University research to the advancement of design, automation and test, and to encourage young researchers to work in the field, EDAA has established an award for outstanding Ph.D. dissertations. Four categories have been considered in 2007:

**Topic 1 - New directions in embedded system design and embedded software**
Chair: Rolf Ernst
Committee Members: Kyoung Choi, Radu Marculescu, Jürgen Teich

**Topic 2 - New directions in logic and system design**
Chair: Wayne Wolf
Committee Members: Giovanni De Micheli, Wolfgang Rosenstiel, Don Thomas

**Topic 3 - New directions in physical design, design for manufacturing and CAD for analog circuits**
Chair: Marcelo Lubaszewski
Committee Members: Luis Miguel Silveira, Adam Oseiran, Adoracion Rueda

**Topic 4 - New directions in circuit and system test**
Chair: Sybille Hellebrand
Committee Members: Joan Figueras, Erik Larsson, Jerzy Tyszer

In each category, one award can be given. Each award consists of a 1000 € prize and a certificate. The dissertations must have been finalized in the last 2 years before the submission deadline. The awards are open to young researchers from any country.

- The nominations had to include:
  - An extended statement explaining the outstanding contributions of the thesis,
  - The PhD Thesis, preferably in English,
  - A thesis which is written in a language other than English must be accompanied by sufficient published material in English so that the jury can judge contributions and quality of the PhD work,
  - A CV and a list of related publications.

- The nominations had to be supported by at least 2 reference letters of experts in the respective fields, at least one from a different university.

In 2007, EDAA has received a total of 36 submissions (36 in 2006, 27 in 2005, 20 in 2004). The 2007 winners will be awarded at the DATE Conference and Exhibition, which will be held 10-14 March 2008, in Munich, Germany. The 2007 winners are respectively:

- **Topic 1:** Dr. Srinivasan Murali (Stanford University, USA), title: “Methodologies for Reliable and Efficient Design of Networks on Chips”. Advisor: Prof. Giovanni De Micheli.
- **Topic 2:** Dr. Kai-Hui Chang (University of Michigan, USA), title: “Functional Design Error Diagnosis Correction and Layout Repair of Digital Circuits”. Advisors: Prof. Igor Markov and Prof. Valeria Bertacco.
- **Topic 3:** Dr. Puneet Gupta (University of California, USA), title: “On Compensation of Systematic Manufacturing Variations in Physical Design”. Advisor: Andrew B. Kahng.
- **Topic 4:** Dr. Luca Sterpone (Politecnico di Torino, Italy), title: “Electronics system design techniques for safety critical applications”. Advisor: Matteo Sonza Reorda.

In addition, SPRINGER will publish these awarded dissertations in the EDAA Outstanding Monographs series.

More information and electronic version of this PR available at:
http://www.edaa.com/

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EDAA is a non-profit association. Its purpose is to operate for educational, scientific and technical purposes for the benefit of the international electronics design and design automation community. The Association, in the field of design and design automation of electronic circuits and systems, promotes a series of high quality technical international conferences and workshops across Europe and cooperates actively to maintain harmonious relationships with other national and international technical societies and groups promoting the purpose of the Association. EDAA is the main sponsor of DATE, the premier Design, Automation and Test Conference and Exhibition in Europe.